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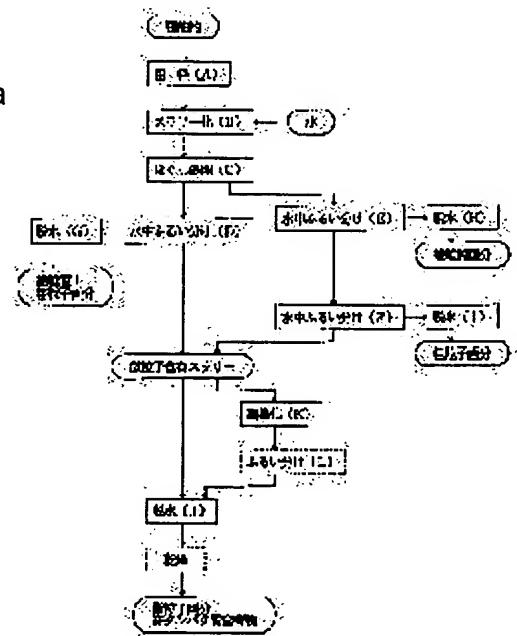
OYAMADA AKIRA

(54) PRODUCTION OF SOLUTION COMPRISING HIGH CONTENT OF PROTEIN FROM SOY SAUCE CAKE

(57) Abstract:

PURPOSE: To enable the production of a substance, comprising a protein with a high content and containing a relatively large amount of a useful amino acid such as tyrosine or leucine from a soy sauce cake.

CONSTITUTION: A soy sauce cake is roughly crushed and then mixed with water and the resultant mixture is slurried to provide a slurry, which is then subjected to loosening treatment to afford a soy sauce cake slurry. The resultant slurry is further subjected to screening treatment in water to provide a coarse particle fraction containing a fibrous substance. The obtained fraction is separated to afford a fine particle-containing slurry, which is then dehydrated. Thereby, a substance, comprising a protein with a high content and containing a relatively large amount of a useful amino acid such as tyrosine or leucine is produced. At this time, the soy sauce cake can previously be screened to separate a fibrous substance from a substance comprising a protein with a low content in the coarse particle fraction.



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